

SUB STATION INTERFACE UNIT

N-8000RS(CE)

The N-8000RS is a Sub-station interface unit designed for use with TOA's packet intercom system (IP network-compatible intercom system) that employs the packet audio technology. Up to 16 sub-stations can be connected using 2-core shielded cables. The number of LAN-connected N-8000 system components such as the N-8000RS and IP intercom exchanges is 192 maximum in total.

Connecting the unit to the LAN permits the sub-station to make calls to the IP station and receive paging calls through the IP intercom exchange. It can be mounted in an EIA equipment rack (1U size) with the use of an accessory rack mounting bracket or installed on a wall using an optional wall mounting bracket.

■ SPECIFICATIONS

Power Source	220 - 240 V AC, 50/60 Hz
Power Consumption	40 W (at rated), 50 W (max.)
Interface Section	Number of lines: 16 lines
for Sub-station	Number of speech link: 2 links
	Transmission system: Analog baseband
	Transmission range: 500 m (546.81 yd)/ø0.5 mm (AWG24), 800 m (874.89 yd)/
	Ø0.65 mm (AWG21), 1300 m (1421.7 yd)/Ø0.9 mm (AWG19)
	Speech method: Half-duplex conversation by way of voice switch,
	Half duplex conversation through PTT operation on the master station
	Connector: Removable terminal block (3 pins)
	Wiring method: Two-core shielded cable
	Audio output: Conversation: Max. 1 W, Paging: Max. 0.5 W/line
	Feeding voltage/current: 22 V DC, 30 mA max.
	Control signal: Call in button detection, privacy button detection, hook detection
Network Section	Network I/F: 10BASE-T/100BASE-TX (Automatic-Negotiation)
	Auto MDI/MDI—X compatible
	Network protocol: TCP/IP, UDP, HTTP, RTP, ARP, ICMP, IGMP
	Audio packet transmission system: Unicast (Speech: 2 links, Paging: Max. 8 zones)
	Connector: RJ45 connector
	Voice sampling frequency: 16 kHz, 8 kHz (controllable on the software)
	Quantifying bit number: 16-bit
	Voice encoding method: Sub-band ADPCM, Cryptosystem
	Voice packet loss recovery: Silence insertion
7 1: 1:	Audio delay time: 80 ms, 320 ms (controllable on the software)
Indication	Network LNK/ACT indication, Status lamp, Power-on indication lamp
Other	Firmware update function, System data hold function, Reset switch (front panel)
Setting Method	Rack, Desk, Surface mount 0 °C to +40 °C (32 °F to 104 °F)
Operating Temperature	90 %RH or less (no condensation)
Operating Humidity Finish	Pre-coated steel plate, black, 30 % gloss
Dimensions	420 (W) × 44.3 (H) × 325.5 (D) mm (16.54" × 1.74" × 12.81")
Weight	3.9 kg (8.6 lb)
Accessory	Power cord (2 m (6.56 ft))1, CD (for PC setting, maintenance use)1,
Accessor y	Removable terminal plug (3 pins)16, Plastic foot4, Screw for fitting plastic foot4,
	Rack mounting bracket2, Screw for mounting bracket8, Screw for rack mounting4
Option	Wall mounting bracket: YC-850
Cobrion	mail mounting bracket. To 000

■ APPEARANCE

